

### **Amendments to the Claims:**

This listing of the claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

Claim 7 (previously added) A method of manufacturing a fluid ejection device comprising:

coupling a first surface of a substrate and an opposite second surface of the substrate with an outer edge surface, wherein the outer edge surface has an interface;

fluidically coupling a first fluid channel of the substrate with the interface;

forming a thin film structure over the first surface of the substrate, the thin film structure including a heating element and an orifice layer that defines a firing chamber disposed over the heating element;

forming a second fluid channel through the thin film structure; and

fluidically coupling the first fluid channel with the firing chamber via the second fluid channel;

wherein the first fluid channel substantially extends from the interface to the second fluid channel, and is substantially located between the thin film structure and a recessed surface of the substrate.

Claim 8 (previously added) The method of claim 2 wherein the first fluid channel includes a refill channel.

Claim 9 (currently amended) A method of manufacturing a print cartridge comprising:

forming a thin film structure over an outer edge surface of a substrate, wherein the ~~substrate~~ outer edge surface has an interface between a fluid reservoir of the print cartridge and the substrate, wherein the thin film structure has a heating element and an orifice layer that defines a firing chamber disposed over the heating element;

~~fluidically coupling a first fluid channel of the substrate with the fluid reservoir;~~

forming an aperture through the first surface to define a fill channel that is filled with a filler material and forming a first fluid channel;  
filling a feed channel with the filler material;  
disposing a second fluid channel through the thin film structure; and  
removing the filler material and fluidically coupling the first fluid channel with the interface and the firing chamber via the second fluid channel and fluidically coupling the fill channel with the feed channel, wherein the first fluid channel substantially extends from the interface to the second fluid channel, and is substantially located between the thin film structure and a recessed surface of the substrate.

Claim 10 (previously added) The method of claim 4 wherein the first fluid channel includes a refill channel.

Claim 11 (previously added) A method of manufacturing a print cartridge comprising:

forming a thin film structure over a first outer surface of a substrate, wherein the substrate has an interface between a fluid reservoir of the print cartridge and the substrate, wherein the thin film structure has a heating element and an orifice layer that defines a firing chamber disposed over the heating element;

fluidically coupling a first fluid channel of the substrate with the fluid reservoir via a second outer surface of the substrate that is arranged in a non-parallel manner with said first outer surface;

disposing a second fluid channel through the thin film structure; and  
fluidically coupling the first fluid channel with the firing chamber via the second fluid channel, wherein the first fluid channel substantially extends from the interface to the second fluid channel, and is substantially located between the thin film structure and recessed surface of the substrate.

Claim 12 (previously added) The method of claim 6 wherein the first fluid channel includes a refill channel.

Claim 13 (new) The method of claim 7, further comprising forming an aperture through the first surface to define a fill channel that is filled with a filler material and forming a first fluid channel.

Claim 14 (new) The method of claim 13 further comprising filling a feed channel with the filler material and removing the filler material, wherein the first fluid channel is fluidically coupled with the interface and the firing chamber via the second fluid channel and wherein the fill channel is fluidically coupled to the feed channel.

Claim 15 (new) The method of claim 11, further comprising forming an aperture through the first surface to define a fill channel that is filled with a filler material and forming a first fluid channel.

Claim 16 (new) The method of claim 15 further comprising filling a feed channel with the filler material and removing the filler material, wherein the first fluid channel is fluidically coupled with the interface and the firing chamber via the second fluid channel and wherein the fill channel is fluidically coupled to the feed channel.

Claim 17 (new) The method of claim 7 wherein the first fluid channel is fluidically coupled with the fluid reservoir via a second outer surface of the substrate that is arranged in a non-parallel manner with the outer edge surface.

Claim 18 (new) The method of claim 9 wherein the first fluid channel is fluidically coupled with the fluid reservoir via a second outer surface of the substrate that is arranged in a non-parallel manner with the outer edge surface.